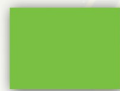
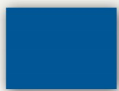


Reflect, Transform, Lead:

A New Vision for Career and Technical Education



North Dakota Department of Career and Technical Education

Agency Information

- ◆ The Department of Career and Technical Education (CTE) provides technical assistance, professional development activities, and performs evaluations for all CTE programs in the state, which includes 721 secondary and 174 post-secondary programs.
- ◆ There are over 166 individual CTE courses offered as electives for schools.
- ◆ High School course enrollment in CTE is 27,034. The unduplicated high school student count is 20,936 or 71% of all high school students.
- ◆ 94.7 percent of CTE “concentrators” in North Dakota graduated on time, compared to 86.2 percent of all high school students.
- ◆ Approximately 9 out of 10 secondary CTE students in North Dakota met or exceeded the state’s technical skills proficiency level.
- ◆ Cooperative arrangements between schools provide more CTE programs to more students by having courses taught on-line, through video conferencing (ITV), schools sharing instructors, or by transporting students to other schools. Currently, there are 137 CTE courses offered on-line, 182 offered through ITV, with over 100 schools participating.
- ◆ Initiated and continues “Clinical Practice” an alternative teacher certification for individuals transitioning from industry and other levels of education to teaching at the secondary and postsecondary level.
- ◆ Provides funding for 8 emerging technology consortiums which rotate high tech equipment between 99 member schools.
- ◆ Established virtual area centers (5 total) which increases student access to CTE programs through a distance education delivery system.
- ◆ Administers an innovation grant which provides support for secondary school robotic teams to compete at robotic competitions hosted by post-secondary institutions.

"Concentrator" = A CTE concentrator is a student who has earned two or more credits in a single CTE program area recognized by the state.

CTE Program Areas

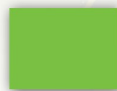
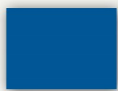
Agriculture Education

- ◆ Provides leadership, support, and curriculum integration for state agriculture education programs, the [FFA](#) career and technical student organization and the [Post-secondary Agriculture Student Organization \(PAS\)](#).
- ◆ Work with over 1,000 farmers and ranchers to provide education through the [Adult Farm Management Program](#).
- ◆ Statewide 2011-12 class enrollment (9-12 grade): 4,178

North Dakota Career and Technical Education     

600 East Boulevard Avenue - Department 270 • Bismarck, ND 58505-0610
Phone: 701-328-3180 • Fax: 701-328-1255 • Website: www.nd.gov/cte

Reflect, Transform, Lead: A New Vision for Career and Technical Education



North Dakota Department of Career and Technical Education

CTE Program Areas

Business and Office Technology (BOT)

- ◆ Provides leadership, support, and curriculum integration for state BOT programs, the [Future Business Leaders of America \(FBLA\)](#) career and technical student organization at the secondary level and Phi Beta Lambda at the post-secondary level.
- ◆ Statewide 2011-12 class enrollment (9-12 grade): 4,509

Family and Consumer Sciences (FACS)

- ◆ Provides leadership, support, and curriculum integration for state FACS programs and the Family, Career, and Community Leaders of America ([FCCCLA](#)) career and technical student organization.
- ◆ Statewide 2011-12 class enrollment (9-12 grade): 8,685

Information Technology (IT)

- ◆ Provides leadership, support, and curriculum integration for state IT programs.
- ◆ Partnered with Cisco to provide free Networking and IT curriculum and training to schools.
- ◆ Provides secondary IT students with free certification of CompTIA Strata, IC3, and MTA.
- ◆ Statewide 2011-12 class enrollment (9-12 grade): 749

Marketing Education

- ◆ Provides leadership, support, and curriculum integration for state marketing programs and the [DECA](#) career and technical student organization. DECA prepares emerging leaders and entrepreneurs in marketing, finance, hospitality and management in high schools and colleges.
- ◆ Statewide 2011-12 class enrollment (9-12 grade): 1,693

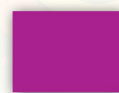
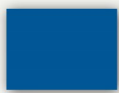
Technology and Engineering Education (T&EE)

- ◆ Provides leadership, support, and curriculum integration for state T&EE programs and the [Technology Student Association \(TSA\)](#) career and technical student organization.
- ◆ Statewide 2011-12 class enrollment (9-12 grade): 3,240
- ◆ Statewide 2011-12 class enrollment (9-12 grade): Trade, Industry and Technical Education: 2,512, Health Careers: 1,468





Reflect, Transform, Lead: A New Vision for Career and Technical Education



North Dakota Department of Career and Technical Education

CTE Program Areas

Trade, Industry, Technical Education & Health Careers (TITH)

- ◆ Provides leadership, support, and curriculum integration for state TITH programs and [SkillsUSA North Dakota](#) career and technical student organization at the secondary and postsecondary level.
- ◆ Partners with a multitude of industry leaders to align technical programs and instructor certifications with national standards.

CTE Program Support Services

Research and Curriculum

- ◆ Adopting national and/or industry [standards](#) in all CTE curricular areas as well as developing crosswalks with the state academic standards.
- ◆ Integrating and identifying academic content throughout [CTE curriculum](#).

Special Populations

- ◆ Provides program support services for secondary and post-secondary special populations including [educational equity](#) and [special needs](#).

Career Exploration Support Services

Career Development

- ◆ Provides leadership, support and curriculum integration for Career Development Programs in over 75 school districts.
- ◆ Adopted *Roads to Success (RTS)*, a career exploration curriculum, for schools to utilize with students.
- ◆ Provides [career advisor](#) training for counselors, educators and career professionals to obtain a career development facilitator credential, a globally recognized credential.

Career Resource Network

- ◆ Provides support and guidance for [RUReadyND.com](#). RUReadyND.com is an online education and career information delivery system.
- ◆ Provides leadership and support to Career Resource Coordinators who provide, develop, and deliver resources to support career professionals and educators.
- ◆ Produces the Career Outlook magazine every year, a career exploration tool.

